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(71) Applicant (for DE only): PHILIPS INTELLECTUAL
PROPERTY & STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).

(71) Applicant (for AE, AG, AL, AM, AT, AU, AZ, BA, BB, BE,
BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CY, CZ,
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UZ, VC, VN, YU, ZA, ZM, ZW only): KONINKLIJKE
PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoud-
seweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FIEDLER, Klaus
[DE/DE]; c/o Philips Intellectual Property &, Standards
GmbH Weissshausstr. 2, 52066 Aachen (DE). SOLF,
Torsten [DE/DE]; c/o Philips Intellectual Property &,
Standards GmbH Weissshausstr. 2, 52066 Aachen (DE).
THON, Andreas [DE/DE]; c/o Philips Intellectual Prop-
erty &, Standards GmbH Weissshausstr. 2, 52066 Aachen
(DE).

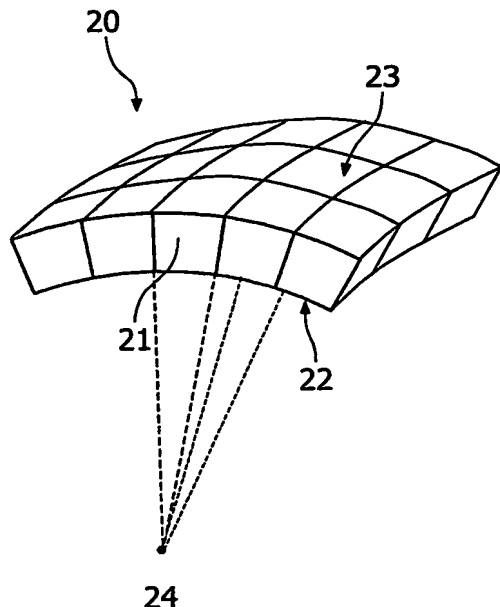
(74) Agents: VOLMER, Georg et al.; Philips Intellectual
Property &, Standards GmbH Weissshausstr. 2, 52066
Aachen (DE).

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(54) Title: SCINTILLATION LAYER FOR A PET-DETECTOR



(57) Abstract: The invention relates to a scintillation
layer (20) for a PET-detector. The scintillation layer
(20) consists of a plurality of scintillation elements (21)
that are joined together in a practically gapless way and
that are oriented towards the centre of curvature (24).
Depending on the form of the scintillation layer (20), the
scintillation elements (21) may have for example the form
of a truncated wedge or pyramid.

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